✓ Automatic power switching for VIPEDIA Active/Standby architectures

✓ Compact DIN-rail mounted design for easy installation

✓ Clear LED indication of real-time status

✓ Manual override switch for commissioning and troubleshooting

RCB01
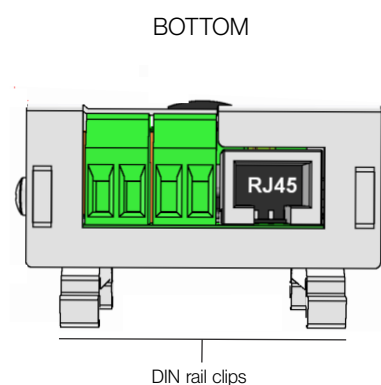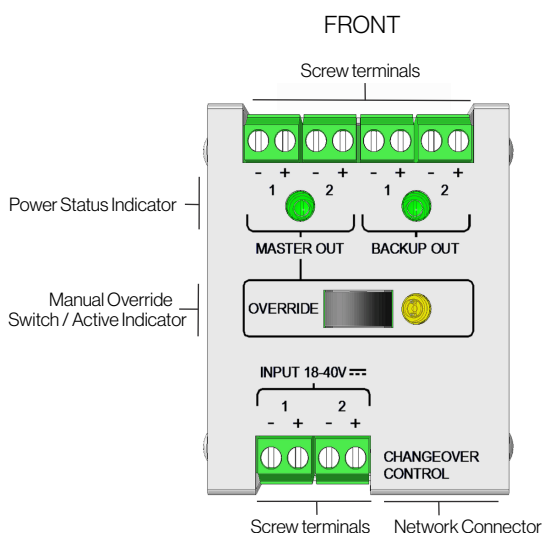
VIPEDIA A/S **Relay Changeover Box**

Zenitel's RCB01 is a compact, DIN-rail mounted Relay Control Box designed to integrate seamlessly with Zenitel's VIPEDIA Audio Routers in an Active / Standby configuration and automatically manages the power distribution to the associated routers as appropriate for the current systems fault status.

Power status is clearly indicated via LEDs on the Changeover Relay Box. A manual override switch allows the power cut to be forced, either during initial system commissioning or when troubleshooting issues. The activation of the override is also clearly displayed via an LED indicator.

The number of RCB01 units required depends on the number of VIPEDIA devices in the Digital Back Bone (DBB) stack. For further details, please refer to the design guide.

MECHANICAL
Connectivity

FRONT

Screw terminals

Power Status Indicator

Manual Override
Switch / Active Indicator

- + - +
1   2

MASTER OUT   BACKUP OUT

OVERRIDE

INPUT 18-40V

1   2
- + - +

CHANGEOVER
CONTROL

Screw terminals   Network Connector

BOTTOM

RJ45

DIN rail clips

Views & Dimensions

Dimension		
A	Depth *excluding DIN Rail Clips	28 mm
B	Height	69 mm
C	Width	61 mm
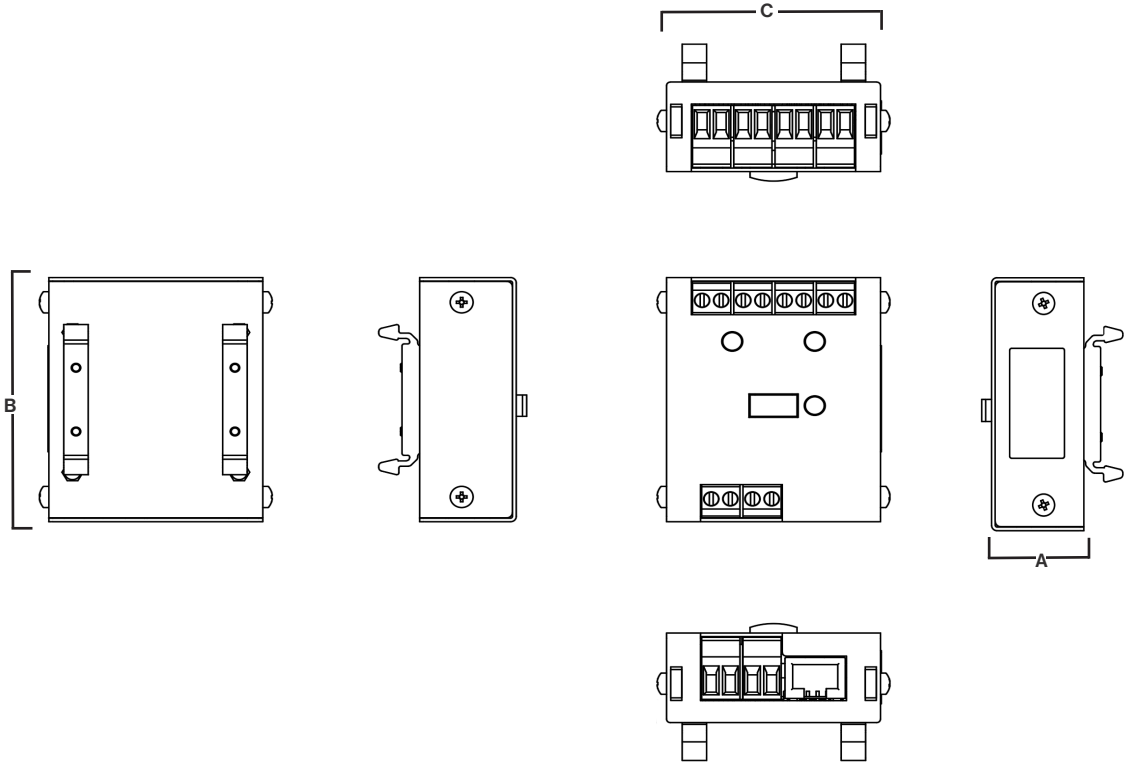
SPECIFICATION

General

Control	Override Push Button
Connections	Screw Terminals and RJ45
Number of RCB01 Required:	
VIPEDIA-12	2
VIPEDIA-24	2
VIPEDIA-36	4
VIPEDIA-48	4

LED Indicators

Yellow	Override Active
Green	Power Master Present
Green	Power Backup Present

Power Supplies

Input Supply Voltage	18-40 V DC (3 A Max)
Output Supply Voltage	17-39 V DC (65 W Max, Up to 4x VIPEDIA-12 Units Excluding Microphones and Other Peripherals)
Current Consumption	40 mA @ 24 VDC

Mechanical

Dimensions* (H x W x D)	69mm x 61mm x 28 mm
*excluding DIN Rail Clips and Connectors)	
Weight	158 g

Format / Colour	Metal Box (Zintec) / Silver with Black Annotation
Mounting Options	DIN Rail Clips

Environmental

Ingress Protection	IP 20
Temperature (Operational)	-5°C to +50°C
Temperature (Storage)	-5°C to +50°C
Humidity Range	0% to 93% Non-Condensing

Approval and Standards Compliance

Environmental	RoHS / REACH
Conformity Europe	CE / UKCA

Part Code

RCB01	Relay Changeover Box

Compatible Products

VIPEDIA-12-NET	DSP Audio Controller / Router